

Sheet 1 of 11Form PTO-1449
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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Takashi MIYAKAWA et al.FILING DATE
November 21, 2003GROUP
1732

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
<i>MS</i>	1	JP-A-2002-136817 w/ abst & trans	5/14/2002	Japan		
<i>MS</i>	2	EP 0 560 290 A1	9/15/1993	Europe		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

M. E. L.

DATE CONSIDERED

8/11/06

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: November 7, 2005